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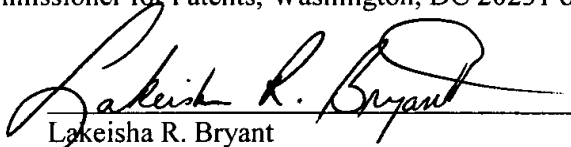
PATENT  
Attorney Docket No. BSC-165  
(1002/222)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S): Haarala *et al.*  
SERIAL NO.: 09/838,618 GROUP NO.: 3754  
FILING DATE: April 19, 2001 EXAMINER: P. Buechner  
TITLE: CATHETER SLIT VALVES

**CERTIFICATE OF FIRST CLASS MAILING UNDER 37 C.F.R. 1.8**

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Lakeisha R. Bryant

Commissioner for Patents  
Washington, D.C. 20231

Sir:

Submitted herewith is/are:

1. Transmittal Form (1 pg.);
2. Amendment and Response (9 pgs.);
3. Return Receipt Postcard; and this
4. Certificate of First Class Mailing (1 pg.).

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MAR 27 2003  
TECHNOLOGY CENTER R3700



# TRANSMITTAL FORM

Application Serial Number	09/838,618
Filing Date	April 19, 2001
First Named Inventor	Haarala <i>et al.</i>
Group Art Unit	3754
Examiner Name	P. Buechner
Attorney Docket No.	BSC-165 (1002/222)
Patent No.	Not applicable
Issue Date	Not applicable

## ENCLOSURES (check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Check Attached <input type="checkbox"/> Copy of Fee Transmittal Form <input checked="" type="checkbox"/> Amendment/Response <input type="checkbox"/> Preliminary <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Letter to Official Draftsperson including Drawings [Total Sheets ____] <input type="checkbox"/> Petition for Extension of Time <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Form PTO-1449 <input type="checkbox"/> Copies of IDS Citations <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Sequence Listing submission <input type="checkbox"/> Paper Copy/CD <input type="checkbox"/> Computer Readable Copy <input type="checkbox"/> Statement verifying identity of above	<input type="checkbox"/> Copy of Notice to File Missing Parts of Application <input type="checkbox"/> Formal Drawing(s) <input type="checkbox"/> Request For Continued Examination (RCE) Transmittal <input type="checkbox"/> Power of Attorney (Revocation of Prior Powers) <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Executed Declaration and Power of Attorney for Utility or Design Patent Application <input type="checkbox"/> Small Entity Statement <input type="checkbox"/> CD(s) for large table or computer program <input type="checkbox"/> Amendment After Allowance <input type="checkbox"/> Request for Certificate of Correction <input type="checkbox"/> Certificate of Correction (in duplicate)	<input type="checkbox"/> Notice of Appeal to Board of Patent Appeals and Interferences <input type="checkbox"/> Appeal Brief (in triplicate) <input type="checkbox"/> Status Inquiry <input checked="" type="checkbox"/> Return Receipt Postcard <input checked="" type="checkbox"/> Certificate of First Class Mailing under 37 C.F.R. 1.8 <input type="checkbox"/> Certificate of Facsimile Transmission under 37 C.F.R. 1.8 <input type="checkbox"/> Additional Enclosure(s) (please identify below)
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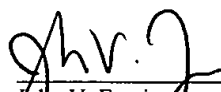
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Respectfully submitted,

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PATENT  
Atty. Docket No. BSC-165  
(1002/222)

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A. Roman

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

APPLICANT: Haarala *et al.*

CONFIRMATION NO.: 3578

SERIAL NUMBER: 09/838,618

ART UNIT: 3754

FILING DATE: April 19, 2001

EXAMINER: P. Buechner

TITLE: CATHETER SLIT VALVES

Commissioner for Patents  
Washington, DC 20231

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**AMENDMENT AND RESPONSE**

This paper is submitted in response to a pending Office action, Paper No. 7, mailed from the U.S. Patent and Trademark Office on December 20, 2002.

Applicants respectfully request entry of the following amendments, reconsideration and withdrawal of all grounds of objection and rejection, and passage of the claims to allowance.

Please amend the application, without prejudice, and consider the following remarks. In accordance with 37 C.F.R. § 1.121, a marked up version of the amendments is attached at the end of this Amendment and Response.

**In the Specification:**

Please amend paragraph 0062 on page 21, to read as follows:

Fig. 29B illustrates a medical device 368 that has a cross-shaped compound slit valve 372. Fig. 29C illustrates a medical device 368 that has a T-shaped compound slit valve 372. Fig. 29D illustrates a medical device 368 that has a double T-shaped compound slit valve 372. The compound slit valve 372 can be oriented in any direction on the catheter 370, and can be